

## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/889,609

Source: Perf09

Date Processed by STIC: 7/27/2001

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:**

### **Checker Version 3.0**

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

**Checker Version 3.0 can be down loaded from the USPTO website at the following address:**

**<http://www.uspto.gov/web/offices/pac/checker>**

PCT09

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/889,609

DATE: 07/27/2001  
TIME: 19:12:13

Input Set : A:\sequence listing.txt  
Output Set: N:\CRF3\07272001\I889609.raw

4 <110> APPLICANT: Wolosker, Herman  
5 Takashashi, Maasaki  
6 Mothet, Jean-Pierre  
7 Ferris, Christopher  
8 Snyder, Solomon  
10 <120> TITLE OF INVENTION: Mammalian Serine Racemase  
13 <130> FILE REFERENCE: 01107.85600  
C--> 15 <140> CURRENT APPLICATION NUMBER: US/09/889,609  
C--> 15 <141> CURRENT FILING DATE: 2001-07-19  
E--> 15 <160> NUMBER OF SEQ ID NOS: 11  
17 <170> SOFTWARE: FastSEQ for Windows Version 3.0

Does Not Comply  
Corrected Diskette Needed

## ERRORED SEQUENCES

308 <210> SEQ ID NO: 11  
309 <211> LENGTH: 1672  
310 <212> TYPE: DNA  
311 <213> ORGANISM: Mus musculus  
313 <400> SEQUENCE: 11

E--> 313 11  
W--> 315 <210> SEQ ID NO:  
W--> 315 <211> LENGTH:  
W--> 315 <212> TYPE:  
W--> 315 <213> ORGANISM:  
E--> 315 <400> SEQUENCE: *Q delete*

*See  
P.3*

E--> 316 gaccttacac cctttgccac actggcctg ggccaagatg ggccaatcaa agtccttacc	60
317 cagaattttt tgaactgaaa ttgagagaga atcccttcc agtatggaaatg ccataaaatg	120
318 taaaacacag gagctgtcag cagccatgtg tcctgcagta cggagccagc tggctgtctg	180
319 tgagaaggaa gccgcgtgc cagaggcagc agagaaccat gtgtgctcag tactgcatct	240
320 cctttgctga tttttttttt gctcatatca acattcaaga ctctatccac ctcacccag	300
321 tgctaacaag ctccatttt aatcaaatacg cagggcgaa tcttttcttc aaatgtgagc	360
322 tcttccagaa aactgggtct tttaagatc gaggtgcct taatgccatc agaggcttaa	420
323 ttccctgacac gccagaagag aagcccaaag ccgtagttac tcacagcagc gggaaaccatg	480
324 gccaagctct cacctatgtc gctaaactgg aaggaattcc tgcttacatt tggttcccc	540
325 aaacagctcc caactgcaag aaactggcaa tccaaagccctt tggagcatcg atagataact	600
326 gtgacccaaag tgacgagtcc agagaaaagg tcactcaaag aattatgcaaa gaaacagaag	660
327 gcatcttggt ccatccaaac caggagcctg cagtgatagc tggacaagga acaattgccc	720
328 tggaaagtgtc gaaccagggt cccttggtag atgcactggt ggtaccagta ggaggaggag	780
329 gaatggttgc tggaaatagcc attacaatata aggcctgaa acctagtgtg aaggataacg	840
330 ctgctgagcc ctcgaatgca gatgactgtc accagtctaa actgaaagga gaactgaccc	900
331 ccaatcttca tcctccagaa accatagcag atgggtcaa atccagcatt ggcttgaata	960
332 cctggccttat tataagagac cttgtggatg atgtcttacat tgcaccgaa gatgaaatca	1020
333 agtatgcaac ccagctggtg tggggggagaa tgaaaactgtc cattgagccg actgctggcg	1080
334 tggcactggc tgcagtgtc tctcagcatt tccaaacagt ctctccagaa gtaaaagaacg	1140
335 ttcgtcattttt actcagtggg gggaaatgttag acctaaccctc cctgaactgg gtggggcagg	1200
336 ctgaacggcc agtccttac cagacggctc gtttaaattc aggcaagatt gtctctagat	1260

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/889,609

DATE: 07/27/2001

TIME: 19:12:14

Input Set : A:\sequence listing.txt

Output Set: N:\CRF3\07272001\I889609.raw

337	gaaaattttg	tttccatctt	ccctttaaaa	attatgttca	aaatccta	at	gaagaaagt	1320	
338	taagtaatca	tgt	aaattct	gtacttagca	gagacatgga	caactgaa	at	acagagcaca	1380
339	agctgcctgg	tcacaaccca	gactccaaca	ctggagttt	ggttgg	ttgc	agtagagaca	1440	
340	gaacccaact	gagtcttta	ctccatgtct	acttcagaca	ctgttgaaga	gatgtca	ctt	1500	
341	ttaacccaag	gtactggctc	tggtacat	at	gggtcataag	tccacttggg	aaatactcgc	1560	
342	ttatagagat	tcattaatac	tgtgtcctga	gattcagct	ttccc	catca	aaactgcact	1620	
343	ttatatggcc	atgggtacct	aaaagttaaa	acagataatt	ggtcaaaaat			1670	
352	(37)								

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3

<210> 11  
 <211> 1672 1670 shown  
 <212> DNA  
 <213> Mus musculus

&lt;400&gt; 11

<400> 2 delete

gacccatcac	cctttgcac	actggtcctg	ggccaagatg	ggccaaatcaa	agtccattacc	60
cagaattttt	tgaactaaa	ttgagagaga	atccctcttc	agtatggaaag	ccataaaatg	120
taaaacacag	gagctgtcag	cagccatgtg	tcctgcagta	cgagccagc	tggtctgctg	180
tgagaaggaa	gccgcccgtc	cagaggcagc	agagaaccat	gtgtgctcag	tactgcacatct	240
ccttgctga	tgttgaaaaa	gctcatatca	acattcaaga	ctctatccac	ctcacccagg	300
tgctaaacaag	ctccatttt	aatcaaataag	cagggcgcac	tctttcttc	aatgtgagc	360
tcttccagaa	aactgggtct	tttaagattc	gaggtgcctt	taatgcacatc	agaggcttaa	420
ttcctgacac	gccagaagag	aagccaaag	ccgtagttac	tcacagcagc	ggaaaccatg	480
gccaagctct	cacctatgct	gctaaactgg	aaggaattcc	tgcttacatt	gtggttcccc	540
aaacagctcc	caactgcaag	aaactggcaa	tccaaagccct	tggagcatcg	atagtatact	600
gtgacccaag	tgacgagtcc	agagaaaagg	tcactcaaag	aattatgcaaa	gaaacagaag	660
gcatcttgg	ccatccaaac	caggagcctg	cagtgatagc	tggacaagga	acaattgccc	720
tggaagtgt	gaaccaggtt	cccttggtag	atgcactggt	ggtaccagta	ggaggaggag	780
gaatgggtgc	tggaatagcc	attacaatta	aggccctgaa	acctagtgtg	aaggtatacgt	840
ctgctgagcc	ctcgaatgca	gatgactgct	accagtctaa	actgaaagga	gaactgaccc	900
ccaaatcttca	tcctccagaa	accatagcag	atggtgctaa	atccagcatt	ggcttgaata	960
cctggcctat	tataagagac	cttggatg	atgtcttac	tgtcaccgaa	gatgaaatca	1020
agtatgcaac	ccagctgtg	tggggagaa	tgaaaactgct	cattgagccg	actgctggcg	1080
tggcactggc	tgcagtgtc	tctcagcatt	tccaaacagt	ctctccagaa	gtaaagaacg	1140
tctgcattgt	actcagttgg	ggaaatgtag	acctaaccctc	cctgaactgg	gtggggcagg	1200
ctgaacggcc	agctccttac	cagacggct	gtttaaattc	aggcaagatt	gtctctagat	1260
gaaaattttt	tttccatctt	ccctttaaaa	attatgtca	aaatccta	gaagaaatgt	1320
taagtaatca	tgttaattct	gtacttagca	gagacatgga	caactgaaat	acagagcaca	1380
agctgcctgg	tcacaaccca	gactccaaca	ctggagttt	ggttgggtgc	agtagagaca	1440
gaacccaact	gagtcttta	ctccatgtct	acttcagaca	ctgttgaaga	gatgtcactt	1500
ttaacccaag	gtactggctc	tggatcatat	gggtcataag	tccacttggg	aaatactcgc	1560
ttatagat	tcattaatac	tgtgtcctga	gatttcagct	ttccccatca	aaactgcact	1620
ttatatggcc	atgggtacct	aaaagttaaa	acagataatt	ggtcaaaaat		1670

37

( ) delete

PSI →

Use of n and/or Xaa has been detected in the Sequence Listing.  
 Review the Sequence Listing to insure a corresponding  
 explanation is presented in the <220> to <223> fields of  
 each sequence using n or Xaa.

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/889,609

DATE: 07/27/2001  
TIME: 19:12:15

Input Set : A:\sequence listing.txt  
Output Set: N:\CRF3\07272001\I889609.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No  
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:313 M:252 E: No. of Seq. differs, <211>LENGTH:Input:1672 Found:0 SEQ:11  
L:315 M:282 W: Numeric Field Identifier Missing, <210> is required.  
L:315 M:282 W: Numeric Field Identifier Missing, <211> is required.  
L:315 M:282 W: Numeric Field Identifier Missing, <212> is required.  
L:315 M:282 W: Numeric Field Identifier Missing, <213> is required.  
L:315 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:11 differs:2  
L:15 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (11) Counted (12)